IN THE CLAIMS:

The status of the claims is as noted below.

1. (Currently Amended) Turbo decoder with at least two effective decoding units using a soft output Viterbi algorithm, ~~wherein outputs of the decoding units (25, 26) are normalized by means of normalization units 27),~~ characterized in that only a subset (25) of the decoding units of the turbo decoder (34) is provided with a normalization unit (27) at its output side.

2. (Original) Turbo decoder according to claim 1, characterized in that only decoding units (30) being provided with a normalized output of a preceding decoding unit (25) are not provided with normalization units at their output side.

3. (Previously Presented) Turbo decoder according to claim 1, characterized in that it comprises two decoding units (25, 30), wherein only the first decoding unit (25) is provided with a normalization unit at its output side.

4. (Previously Presented) Mobile communications device, characterized in that it comprises a turbo decoder (34) according to claim 1.

5. (Original) Turbo decoding method using a soft output Viterbi algorithm, wherein a plurality of effective decoding units (25, 30) are used and outputs of the decoding units (25, 30) are normalized (27) with a normalization factor, characterized in that only a subset

(25) of the decoding units of the turbo decoder is normalized with a normalization factor variable during operation and the other decoding unit(s) (30) are/is normalized with a time constant normalization factor.

6.   (Original)   Turbo decoding method according to claim 5, characterized in that time constant normalization factor is equal to one.

7.   (Previously Presented)   Turbo decoding method to claim 5, characterized in that only decoding units (30) being provided with a normalized output of a preceding decoding unit (25) are normalized with a time constant normalization factor.

8.   (Previously Presented)   Turbo decoding method according to claim 5, characterized in that two decoding units (25, 30) are used, wherein the first decoding unit (25) is normalized (27) with a normalization factor variable during operation and the second decoding unit (30) is normalized with a time constant normalization factor.

9.   (Previously Presented)   Turbo decoding method according to claim 5, characterized in that the normalization factors are calculated on the basis of the means and variance of the extrinsic information produced by the associated decoding unit.

10.   (Previously Presented)   Turbo decoding method according to claim 5, characterized in that it is performed as a parallel concatenated scheme.

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